WHAT IS CLAIMED IS:

- 1. A method of calculating the size of a human face in a digital image, comprising the steps of:
- a) providing image capture metadata associated with a digital image that includes the image of a human face, the metadata including subject distance, focal length, focal plane resolution;
 - b) providing a standard face dimension; and
- c) calculating the size of a human face at the focal plane using the metadata and the standard face size.
 - 2. A method of detecting a face in an image, comprising the steps of:
 - a) detecting a skin colored region in a digital image;
- b) calculating the expected size of a human face in the digital image by,
- i) providing image capture metadata associated with a digital image that includes the image of a human face including subject distance, focal length, focal plane resolution,
 - ii) providing a standard face dimension, and
- iii) calculating the size of a human face using the metadata and the standard face dimension; and
- c) comparing the size of the detected skin color region with the calculated size of a human face to determine if the skin color region is a human face.
- 3. The method claimed in claim 2, further comprising the step of evaluating a detected face region for red-eye defects.

- 4. The method of claim 1, wherein the digital image is captured by a digital camera that includes means for appending the metadata to a digital image file in the camera.
- 5. The method of claim 2, wherein the digital image is captured by a digital camera that includes means for appending the metadata to a digital image file in the camera.
- 6. A method of calculating the expected size range of human faces in a digital image, comprising the steps of:
- a) providing image capture metadata associated with a digital image that includes the image of a human face, the metadata including subject distance, focal length, focal plane resolution and f-number;
 - b) providing a standard face dimension;
 - c) calculating the depth of field using the metadata; and
- d) calculating the range of expected face sizes in the digital image based on the depth of field calculation and standard face size.
 - 7. A method of detecting faces in an image, comprising the steps of:
 - a) detecting a skin colored region in a digital image;
- b) calculating the expected size of a human face in the digital image by,
- i) providing image capture metadata associated with a digital image that includes the image of a human face, the metadata including subject distance, focal length, focal plane resolution and f-number,
 - ii) providing a standard face dimension,
 - iii) calculating the depth of field with the metadata, and
- iv) calculating the range of expected face sizes in a digital image based on the depth of field calculation and standard face size.

- 8. The method of claim 7, further comprising the step of evaluating the region for eye color defects.
 - 9. A computer program product for performing the method of claim 1.
- 10. A computer program product for performing the method of claim2.
- 11 A computer program product for performing the method of claim 6.
- 12. A computer program product for performing the method of claim7.